

① ETR 2-1/2" DOWN FROM THE INTERSTITIAL SPACE.

- ② ETR MAIN LOCATED ABOVE THE CEILING.
- ③ ETR 2-1/2" MAIN LOCATED IN THE INTERSTITIAL SPACE.
- ④ ETR 1-1/2" DOWN FROM THE INTERSTITIAL SPACE TO THE BRANCHLINE LOCATED ABOVE THE CEILING. TYPICAL THIS MAIN UNO.
- ⑤ PROVIDE NEW OR SEMI-RECESSED SPRINKLER HEADS AND ASSOCIATED PIPE, HANGERS AND FITTINGS. EXTEND FROM THE 1" OUTLETS ON THE ETR BANCHLINES OR PROVIDE A NEW CONNECTION TO THE ETR MAIN OR BRANCHLINE PER THE PIPE SCHEDULE ON FP-001. PROVIDE A NIPPLE WITH A CAP AT ALL UNUSED OUTLETS. THE FIRE PROTECTION INSTALLER SHALL COORDINATE THE EXACT PIPE LOCATIONS.

IF THIS PLAN IS A REDUCTION,  
GRAPHIC SCALES MUST BE USED.

1/4"=1'-0"

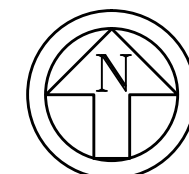
100% SUBMISSION

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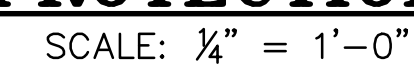
SCALE:  $\frac{1}{4}" = 1'-0"$

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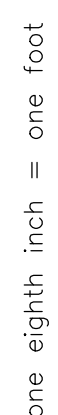






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Veterans AffairsDrawn



three eighths inch = one foot  
0 4 8 16  
one eighth inch = one foot  
0 4 8 16  
one quarter inch = one foot  
0 4 8 16  
three eighths inch = one foot  
0 4 8 16  
one half inch = one foot  
0 6 12  
three quarters inch = one foot  
0 6 12  
one inch = one foot  
0 6 12  
one and one half inches = one foot  
0 6 12  
one and one half inches = one foot  
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three inches = one foot  
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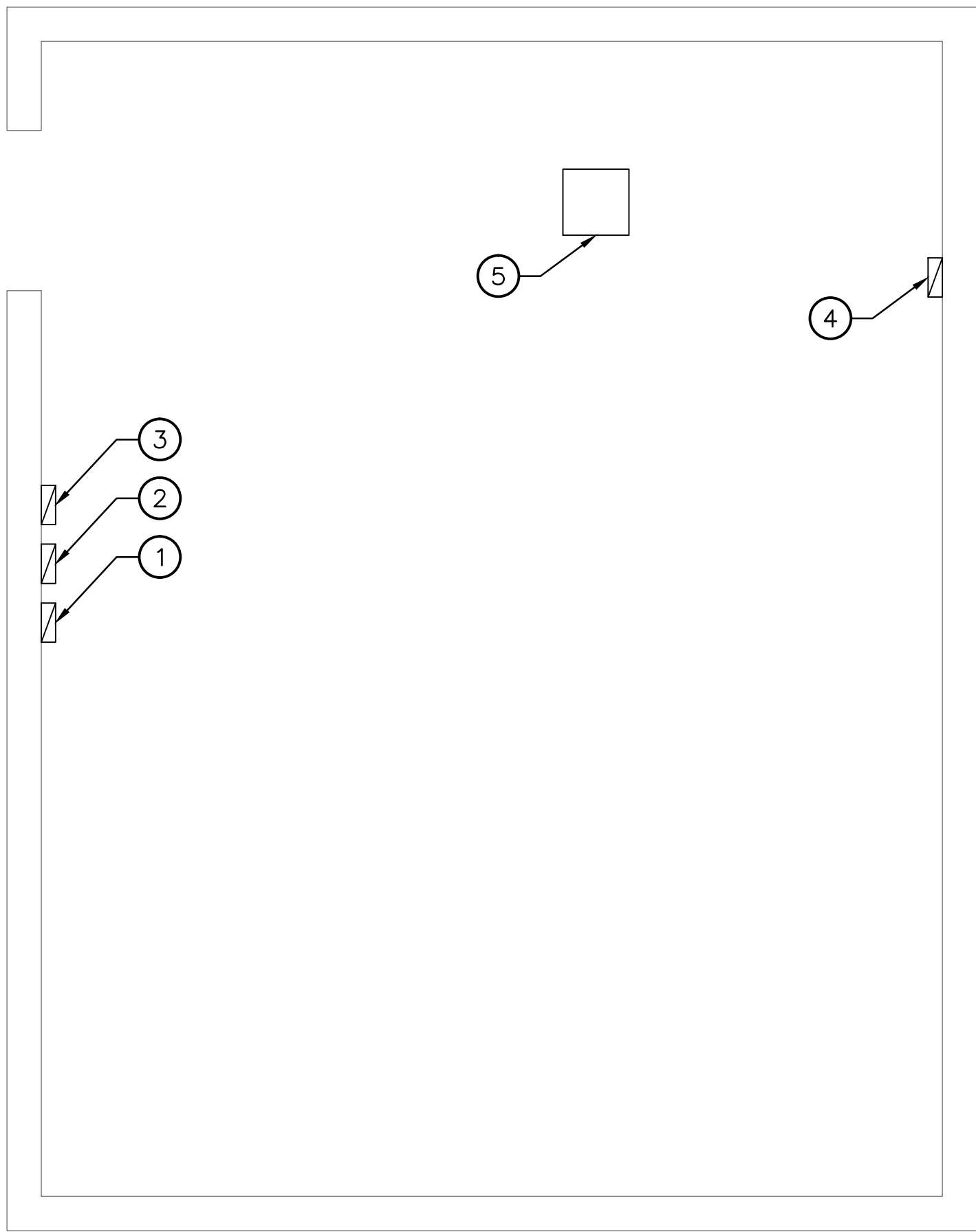
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GENERAL NOTES:

1. FOR FIRE PROTECTION GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEETS FP-001 AND FP-002.
2. ALL FIRE ALARM SPEAKERS SHALL BE TAPPED AT 1/4 WATT UNLESS NOTED OTHERWISE, AND SHALL BE ADJUSTED TO SUITE ACTUAL OCCUPIED CONDITIONS.
3. REFER TO THE ARCHITECTURAL DRAWINGS FOR CEILING HEIGHTS AND TYPES.

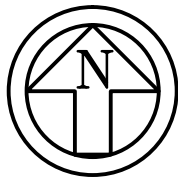
DRAWING NOTES:

- (APPLIES TO THIS SHEET ONLY)
- 1 THE FIRE ALARM/ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY EQUIPMENT, MATERIAL, DESIGN, HARDWARE, AND LABOR TO MODIFY THE EXISTING ADDRESSABLE FIRE ALARM CONTROL PANEL(S) WITH VOICE EVACUATION (MANUFACTURER: SIEMENS) TO INCORPORATE NEW ADDITIONAL ZONES, INITIATING AND NOTIFICATION APPLIANCE DEVICES, AS REQUIRED BY THE CONTRACT DOCUMENTS. PROVIDE STANDBY BATTERY CALCULATIONS ON THE REVISED FIRE ALARM SYSTEM AND REPLACE EXISTING BATTERIES OF SUFFICIENT SIZES INDICATED BY THE STANDBY CALCULATIONS.
  - 2 ETR FIRE ALARM POWER BOOSTER PANEL.
  - 3 ETR DOOR HOLDER POWER SUPPLY PANEL.
  - 4 ETR FIRE ALARM GRAPHIC ANNUNCIATOR PANEL.
  - 5 ETR FIRE ALARM PRINTER.



PARTIAL FIRE COMMAND ROOM SEVENTH FLOOR/PENTHOUSE -  
FIRE PROTECTION WORK

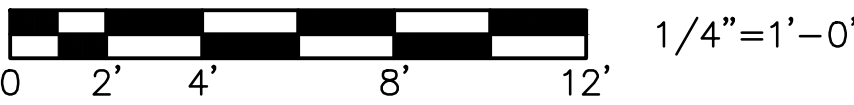
SCALE: 1/4" = 1'-0"



CAUTION:

IF THIS PLAN IS A REDUCTION,  
GRAPHIC SCALES MUST BE USED.

GRAPHIC SCALE



Revisions:		Date:		CONSULTANTS:		ARCHITECT/ENGINEERS:		Drawing Title PARTIAL FIRE COMMAND ROOM SEVENTH FLOOR/PENTHOUSE - FIRE PROTECTION WORK		Project Title RENOVATE / BACKFILL ONCOLOGY 2C, 3D SLEEP LAB AND MSO		Location VAMC BALTIMORE, MD.		Project Number 512-14-102		Building Number -		Drawing Number FP-105		Dwg. 77 of 98	
								Approved Project Director APPROVED - BY - NAME APPROVED - BY - TITLE/RANK STATION - MANAGEMENT				Date OCTOBER 1, 2014		Checked RWB/STS		Drawn AHS					

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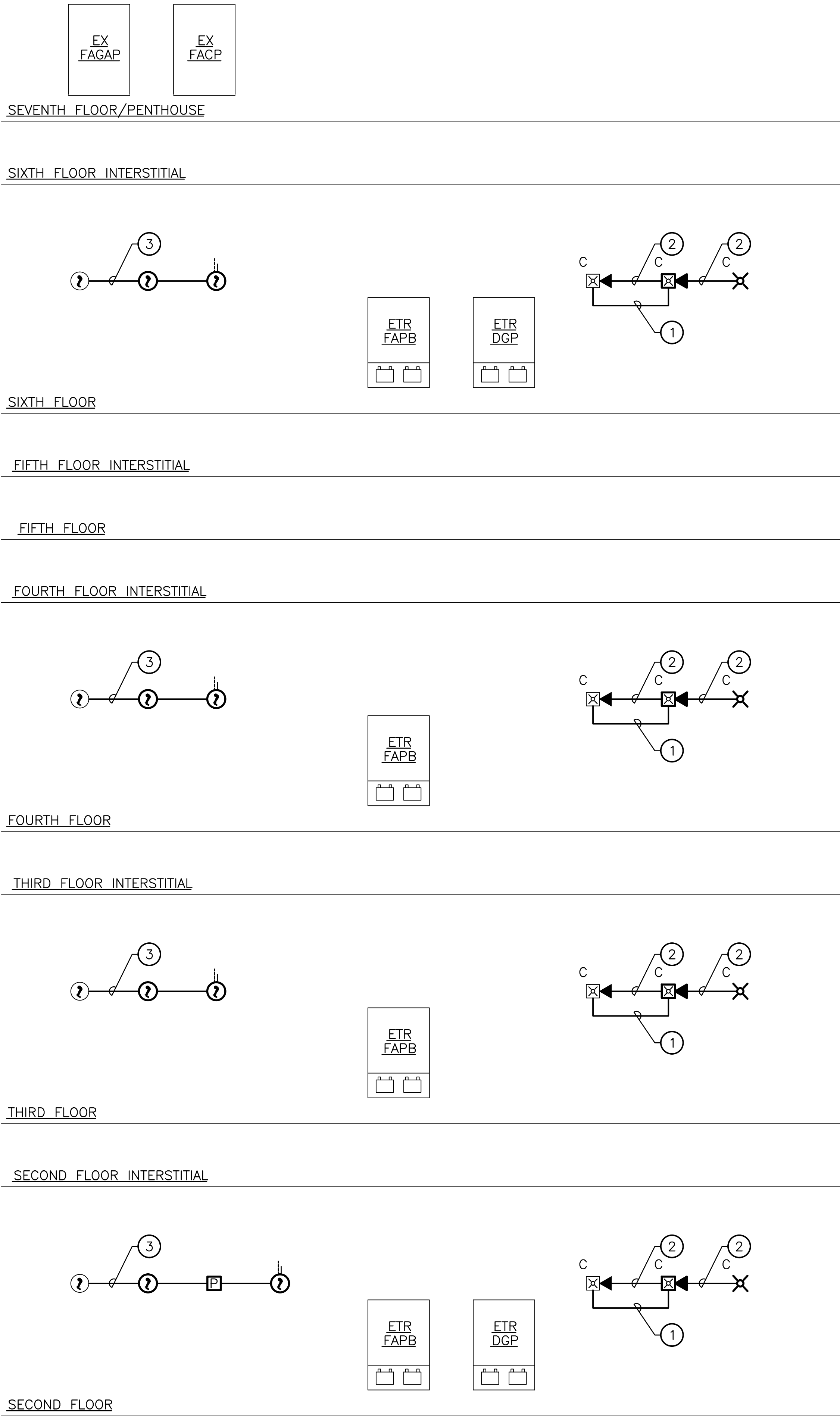
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0 4 8 16  
one quarter inch = one foot  
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one eighth inch = one foot  
0 4 8 16  
three eighths inch = one foot  
0 4  
one half inch = one foot  
0 6  
three quarters inch = one foot  
0 2  
one inch = one foot  
0 6  
one and one half inches = one foot  
0 6  
1  
three inches = one foot  
0 6

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**FIRE ALARM RISER DIAGRAM**  
NO SCALE

**FIRE ALARM RISER DIAGRAM**  
**GENERAL NOTES:**

1. ALL WIRING AND CONDUIT SIZES AND QUANTITIES SHALL BE IN ACCORDANCE WITH THE FIRE ALARM SYSTEM MANUFACTURER'S RECOMMENDATIONS, NFPA 70, AND NFPA 72.
2. FIRE ALARM RISER DIAGRAM IS DIAGRAMMATIC. RUNS OF CONDUIT AND MANNER OF CONNECTION SHALL BE DETERMINED BY THE CONTRACTOR AND IN ACCORDANCE WITH THE FIRE ALARM SYSTEM MANUFACTURER'S RECOMMENDATIONS, NFPA 70, NFPA 72, AND THE CONTRACT SPECIFICATIONS.
3. ALL FIRE ALARM WIRING AND CONDUIT SHALL BE NEW.
4. SEE FLOOR PLAN DRAWINGS FOR THE FIRE ALARM SYSTEM INITIATING AND NOTIFICATION APPLIANCE DEVICE LOCATIONS.

**FIRE ALARM RISER DIAGRAM**  
**DRAWING NOTES:**

- 1 EXTEND ALL ASSOCIATED WIRING AND CONDUIT AS NECESSARY AND CONNECT TO EXISTING SPEAKER CIRCUIT SERVING THIS AREA.
- 2 EXTEND ALL ASSOCIATED WIRING AND CONDUIT AS NECESSARY AND CONNECT TO EXISTING STROBE CIRCUIT SERVING THIS AREA.
- 3 EXTEND ALL ASSOCIATED WIRING AND CONDUIT AS NECESSARY AND CONNECT TO EXISTING INITIATING DEVICE SIGNALING LINE CIRCUIT PRESENTLY SERVING THIS AREA.

CONSULTANTS:		ARCHITECT/ENGINEERS:		Drawing Title FIRE ALARM RISER DIAGRAM		Project Title RENOVATE / BACKFILL ONCOLOGY 2C, 3D SLEEP LAB AND MSO		Project Number 512-14-102		Office of Construction and Facilities Management							
				Approved Project Director APPROVED - BY - NAME APPROVED - BY - TITLE/RANK STATION - MANAGEMENT		Location VAMC BALTIMORE, MD.		Building Number -									
Revisions:				MIMAR ARCHITECTS, INC. Architecture, Engineering, Design/Build 7000 Security Blvd, Suite #320 Baltimore, MD 21244 Phone: 410-944-4900 Fax: 410-499-8044		EBL ENGINEERS, LLC MECHANICAL • ELECTRICAL • FIRE PROTECTION The Professional Engineering Center 8005 Hartford Road, Baltimore, Maryland 21234-5701 (410) 668-8000 FAX (410) 668-8001 e-mail: ebl@eblengineers.com		Date OCTOBER 1, 2014		Checked RWB/STS		Drawn AHS		Drawing Number FP-601		Dwg. 78 of 98	